

PROTONUCLEIN

CLINICAL RECORDS

TAKEN FROM REPORTS OF PROMINENT PRACTITIONERS IN HOSPITAL AND PRIVATE PRACTICE, TOGETHER WITH A SUMMARY OF THE THERAPEUTIC USE AND MODE OF ADMINISTRATION.—REPORT OF PROF. CHITTENDEN, OF YALE UNIVERSITY, UPON THE CHEMICAL CONSTITUENCY AND PHYSIOLOGICAL ACTION OF PROTONUCLEIN.—A REPORT OF ITS CLINICAL USE IN TWENTY-ONE CASES OF TYPHOID FEVER BY DR. SCHAVOIR, OF STAMFORD, CONN., DURING THE RECENT EPIDEMIC IN THAT PLACE.



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REED & CARNICK, New York

PROTONUCLEIN IS NATURE'S REMEDY, AND CONSEQUENTLY NO HARM CAN ARISE FROM ITS USE



It has been isolated in such a manner that its natural functions are unimpaired (see Prof. Chittenden's Analytical Report), and is therefore capable of increasing the White Corpuscles to almost any extent. We are confident that it will greatly excel any other remedy in the treatment of diseases given on page 11.

In the second edition of this pamphlet, which will be forwarded you in about three months, a large number of cures in chronic diseases will be given of those that are at present progressing rapidly toward a successful termination. We refer to cases of Tuberculosis, Neurasthenia, Carcinoma, etc. It should be remembered that Protonuclein has been in the hands of the medical profession only about four months. No remedy ever introduced has shown such curative power. We only claim to have succeeded in isolating unimpaired the principles which represent nature's method of combating disease and building up the tissues.

We invite correspondence from physicians in reference to their experience in the use of Protonuclein that a comparison of results may be made. No use whatever will be made of the writer's name without having full consent.



I
INCE the first introduction of Protonuclein to the medical profession so varied have been its uses and so large the experience with its use that we find it necessary to supplement what has already been very fully expressed concerning its origin, manufacture, function, therapeutic use and effect, by important facts which have been brought out in its practical use by high authorities in clinical methods. No preparation ever yet brought out has met with such universal acceptance or undergone such severe tests of its therapeutic power as this last and highest contribution of pure physiology to practical medicine—Protonuclein; and we are pleased to add none has received such recognition and support.

ORIGIN.—Protonuclein is derived from all the available lymphoid structures of healthy bullocks and pigs. The brain substance, including the area at the base, Corpora Quadrigemina, Pituitary Body and attachments, Salivary Glands, Thyroid and Thymus Glands, Stomach and Intestinal Glands, Pancreas, Liver, and Spleen. These animals are all carefully inspected by one who has had a lifetime experience in this line.

MANUFACTURE.—In the extraction of the Nucleins from the organism in the combined form called **Protonuclein** no chemical agents are used. Every process through which this delicate plasma passes in its separation from the body is a physical, not a chemical, one. In this way do we account for the wonderful cellular activity with which the product is endowed (see Prof. Chittenden's Report). This process consists in the mechanical separation of the cellular active constituents by machinery invented for the purpose.

No attempt is made to rid the Nuclein of each tissue from its physiological entanglement, and it is this which, though formerly believed to be an obstacle in the way of its action, proved practically to be the very means of preserving the true, unchanged Nuclein substance, which can neither be artificially made from vegetable or plant tissues so as to have full activity in animal organisms, nor can it be preserved intact by any chemical methods of enucleation, which by breaking up its molecular arrangement to that extent disturbs its physiological activity. With this statement, which is founded upon solid physiological principles, we leave the question of comparison with other preparations, which is only to be determined by actual demonstration.

PHYSIOLOGICAL DEVELOPMENT AND FUNCTION.—Some confusion has arisen, as is always the case in physiological products, over the nomenclature, of which there is always a "confusion of tongues." Nuclein as a physiological principle has long been known to the practical physiologist, but it has been, as it were, laid aside for a time until its exact belongings and destination were fully established, and for so long a time no attempt had been made to determine its relationship to the organisms, although it was met at almost every stage of nutrition and assimilation. The discovery of the true cellular character of the White Blood Corpuscle, or Leucocyte, opened the way for the full understanding of the nature and function of Nuclein. It having been

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proved that all the proteids which are delivered to the blood from the digestive tract are taken into the Leucocyte, there mixing with its blastema, it was further shown that the Nucleus and Nucleolus of the Corpuscle by some molecular influence wrought the change the result of which was the substance Nuclein. When the cell became so charged with it that it could contain no more the cell-wall burst, the Nuclei and Nucleoli (for it is in the Multinuclear Leucocytes that Nuclein is formed) come out as perfect cells, and where we had only one Leucocyte we now have as many as there were Nuclei in each ruptured cell. In this way the Nuclein is distributed rapidly to the several tissues, each individual cell taking what is necessary for its own nutrition and structure, and the rest going to others along the line of circulation.

Thus it is seen that Protonuclein, which, as we have said, is the combination of all the available Nucleins of the body, is the true **tissue-builder** of the organism.

Besides this, any toxic germ invested by Nuclein thus poured out from the Leucocyte is molecularly changed and rendered atoxic by the molecular disturbance thus made, and in this way it becomes also the natural **antitoxic** agent of the organism, which destroys the toxic power of the thousands of poisonous germs which come into the body every moment and pass away, apparently without inflicting material harm.

These are its physiological properties, and from them it will be seen how wide must be the therapeutic range of such an agent, for most of the diseases known have their pathology laid in malnutrition and toxic influences. We pass, therefore, to its

THERAPEUTIC USE

Protonuclein is put up in three forms:

1. Tablets of 3 grains each.—Dose, **in general**, one every three or four hours.
2. Powder.—Dose as above.
3. Special Powder for inhalation and injection, containing no milk-sugar. See pages 3, 10, and 11.

In the administration of Protonuclein several points have been developed in extensive clinical use which are important to remark.

1. In all complicated cases it is always best to try Protonuclein **first alone**, in order to gauge its therapeutic influence, and then if other remedies are required in connection with it (and there is no incompatibility), these should be used according to the several indications.

NOTE.—Never mix Protonuclein with anything but **water**.

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2. Wherever possible it is best to use Protonuclein both internally and externally if there is any lesion of surface. It is readily absorbed, and has a rapid local as well as constitutional effect.

3. When used locally upon a raw or exposed surface of lesion the most convenient method of application is by the insufflator or ordinary powder-blower. There are some deep-seated cavities, however, which if reached by local treatment would respond more readily than by the internal method, such as the naso-pharyngeal cavities, bony sinuses, and even the air-cells of the lungs. For this purpose a special preparation is made without milk-sugar. This preparation is used by dissolving in distilled or pure water in the proportion of six to twelve grains to the ounce and applying by the steam or hand atomizer in the form of spray. This is a very convenient form for Diphtheria also, though in very young children the best results are reached with the powder-blower, as it does not frighten the child. In Tuberculosis the steam or hand atomizer method is strongly recommended. It may be used three or four times a day with great comfort, allaying the irritable respiratory tract, subduing the unpleasant local symptoms, while at the same time it attacks the very citadel of the disease.

4. The **hypodermic** use of Protonuclein must be carefully observed. In the use of Protonuclein hypodermically clinical records show that its first effect in the case of Tumors or Neoplasms generally is to produce rapid leucocytosis and consequent enlargement, increase of pain, and aggravation of the acute symptoms. **The injection should not be repeated until after the subsidence of these induced conditions**, when it will be found that a line of physiological demarcation has been formed about the base of the Tumor, thus enucleating it, as it were, from the healthy structures in which it is embedded. The use of Protonuclein hypodermically, remote from the point of lesion or growth, has been found to be not more effective than the internal treatment. In injecting, three grains of the powder should be suspended in one drachm of water (distilled or pure rain), and after the sediment is deposited ten drops of the supernatant fluid should be used. If no swelling or symptoms of local irritability occur it may be repeated in six hours, but it is always best to wait for the temporary leucocytosis to subside, although there have never been any untoward results even when used without these discriminations. We give them only to be upon the safe side.

The diseases in which Protonuclein is indicated would be, to anyone who studies closely its physiological relation to the organism, simply beyond classification; but we herewith append the clinical records which have come to us from every part of the Union. These records speak for themselves.

CHEMICAL AND PHYSIOLOGICAL ANALYSIS OF PROTONUCLEIN BY PROFESSOR CHITTENDEN, OF YALE COLLEGE

Proof of glandular origin and integrity of cells

Integrity of cellular structure and function

Nucleins and nucleo-albumins present and unchanged

Presence of Phosphorus proved and in large proportion to the whole mass

Phosphorus much greater in proportion to the digested mass

Separation of a typical Nuclein proved

Digestion with artificial gastric juice gives the free, true Nuclein abounding in Phosphorus.

Influence of Protonuclein upon leucocytosis; experiments showing great increase of white corpuscles or leucocytes

PAR. I.—Under the microscope the cellular elements are easily discernible, thus affording plain evidence of the glandular origin of the material. The cell material is all there and in an uncoagulated form.

PAR. II.—The chemical products of the various cells contained in the Protonuclein are present with their activity unimpaired.

PAR. III.—The *Nucleins* and the *Nucleo-albumins* of the cells are present, existing in forms identical with those existent in the living cells.

PAR. IV.—The characteristic element of *Nucleo-albumins* is *Phosphorus*. Protonuclein "Special," i.e., Protonuclein unmixed with milk-sugar, contains *en masse* 1.45 per cent. of Phosphorus, which is indicative of considerable nucleo-albumin or *Nuclein*.

PAR. V.—After digesting the mass and separating as far as possible all nucleinlike material, the residue amounted in one instance to 23.5 per cent. of the Protonuclein mass.

PAR. VI.—That the above process gives rise to the separation of a typical Nuclein is shown by the amount of *Phosphorus* contained in the undigested residue. Thus in one case the *Nuclein* separated in this manner contained 4.19 per cent. of Phosphorus and in another instance 3.61 per cent. of Phosphorus.

PAR. VII.—Obviously the action of the gastric juice (used in the digestion of the Protonuclein) causes a solution and digestion of the albuminous portion of the Nucleo-albumins and other albuminous matters present in the Protonuclein, leaving a true Nuclein with a large content of Phosphorus, a reaction which is characteristic of Nucleo-albumins in general.

PAR. VIII.—As to the influence of Protonuclein upon leucocytosis, the following experiments, taken from a large number, will show the extent of this action upon the animal organism:

A rabbit was taken and the number of red and white corpuscles in the blood counted for several days; then Protonuclein was injected hypodermically and the effect noted. June 13, 9.30 A.M., red corpuscles, 6,320,000; white corpuscles, 19,000. Injected at 3 P.M. with Protonuclein. June 13, 5 P.M., red corpuscles, 6,240,000; white corpuscles,

42,000. June 14, 9 A.M., red corpuscles, 6,400,000; white corpuscles, 32,000. Here there is evidence of a very marked increase in the number of leucocytes or white corpuscles of the blood after injection of Protonuclein. A still more striking illustration is afforded by the following result: A rabbit was taken on June 15 and the number of corpuscles determined in the blood at 9.15 A.M. The result was 18,000 white corpuscles or leucocytes per cubic millimeter of blood and 6,480,000 red corpuscles. At 9.30 a little Protonuclein "Special" was mixed with water and the supernatant fluid injected under the skin of the back. At 2.15 P.M. the blood showed 72,000 white corpuscles or leucocytes per cubic millimeter and 6,640,000 red corpuscles.

Persistence of the leucocytosis

PAR. IX.—Further, *the leucocytosis so produced continues for some length of time*, hence the administration of Protonuclein in a single instance is liable to be followed by a more or less persistent leucocytosis—that is, persistent for twenty-four hours or even longer. The following experiment proves this point:

Rabbit.—June 18, 9 A.M., white corpuscles, 12,000; red corpuscles, 4,000,000. At 10 A.M. 25 minims of a solution of Protonuclein, made by mixing 8 grains of Protonuclein (Special) with 35 cubic centimeters of water (distilled) were injected hypodermically. At 2 P.M. white corpuscles, 68,000; red corpuscles, 4,320,000. June 19, 9.30 A.M., white corpuscles, 32,000; red corpuscles, 4,240,000. June 20, 9.15 A.M., white corpuscles, 12,000; red corpuscles, 4,000,000. Hence this one injection of Protonuclein was able not only to raise the number of white corpuscles from 12,000 to 68,000 per cubic millimeter of blood, but the increase was more or less persistent for twenty-four hours, the corpuscles not falling back to their original number until nearly forty-eight hours after the injection of the Protonuclein. Numerous repetitions of this experiment showed a like result.

Influence of Protonuclein upon leucocytosis when administered by mouth

PAR. X.—When administered by the mouth there is less activity in the production of leucocytosis as the two following experiments indicate. A rabbit was taken and the number of corpuscles found to be as follows: 9.45 A.M., red corpuscles, 4,480,000; white corpuscles, 4,000. 10.45 A.M., three grains Protonuclein "Special" given by the mouth. 4 P.M., red corpuscles, 4,960,000; white corpuscles, 8,000. Another rabbit: 11 A.M., red corpuscles, 4,880,000; white corpuscles, 4,000. 11.30 A.M., three grains Protonuclein given by mouth. 4.50 P.M., red corpuscles, 4,880,000; white corpuscles, 6,000.

Grouping of leucocytes from
injection of Protonuclein

ction of Protonuclein upon
the leucocytes of human
blood, showing the cellular
activity and changes in
morphology

PAR. XI.—In all these experiments it is to be noted that before the injection of the Protonuclein the white corpuscles occurred singly, while after the injection they were found in groups or clusters. This was a noticeable feature all through the experiments and is in harmony with the view of rapid development of *new* white corpuscles as a result of the action of Protonuclein.

PAR. XII.—With a suitable magnifying power it is possible to see under the microscope the action of an aqueous extract of Protonuclein on the white blood corpuscles of human blood. The cellular activity of the leucocytes is plainly incited by the Protonuclein, and changes in the shape and arrangement of the granules in the cell protoplasm are distinctly visible, *Karyokinetic* changes, etc., being also indicated.

Conclusion.—In brief, Protonuclein contains the natural cell-nuclein in a form like that in nature, and capable of showing marked physiological action when introduced into the animal organism, either by the mouth or hypodermically, thus indicating its isolation without the use of destructive agents.

R. H. CHITTENDEN.

NOTE ON PROFESSOR CHITTENDEN'S REPORT



The increase of leucocytes in a given cubic millimeter of blood must of course tend to the *temporary* decrease of the red corpuscles. As, however, the leucocytes are the real origin of the red corpuscles, after subsidence of immediate leucocytosis there will be and is always a corresponding *ultimate* increase of the red corpuscles. So that while there is always an apparent large increase of white seemingly at the expense of the red corpuscles, after the subsidence it will be noted that the ultimate result is a *proportionate* increase of the red corpuscles. This explains the apparent paradox of *leucocytæmia* and tissue building existent together, the former being only a temporary result of direct cell proliferation.

NOTE.—The relative effects of the hypodermic and internal administration of Protonuclein can be seen by a comparison of the experiments described in Paragraphs VIII, IX, and X. Only in cases of great virulence, where a very rapid action is desired, and in the treatment locally of Neoplasms, is the hypodermic administration considered necessary. The regular administration of one Tablet or three grains of Powder, produces and sustains a leucocytosis sufficient to overcome the pathological, and restore the normal conditions.

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PROTONUCLEIN IN TYPHOID FEVER AT STAMFORD, CONN.

STAMFORD, CONN., July 20, 1895.

MESS. REED & CARNICK, NEW YORK.

DEAR SIRS:—During the recent epidemic of Typhoid Fever in Stamford, Conn., beginning about April 16th, I used Protonuclein in twenty-one cases, and in order to test it quite thoroughly I refrained from the administration of any other internal remedies, except a laxative when indicated. The results which I obtained and which I attribute to Protonuclein are so encouraging that I feel it to be my duty to report them. The administration of Protonuclein was begun at once when diagnosis of Typhoid Fever was clear, and the patients restricted to a liquid diet (mostly milk). During the first twelve to twenty-four hours the temperature rose slightly, after which it steadily receded to normal. Within two or three days the disease seemed to be under control—that is to say, the cases invariably assumed a milder aspect, the temperature becoming very moderate, the tongue clearing up, the general aspect of the patient became bright, intestinal symptoms disappeared, and, in fact, convalescence seemed to begin at once.

I enclose four tracings of temperature, which were typical of all the twenty-one cases and which will show how steadily and uninterruptedly convalescence progressed. That such a result was due to Protonuclein I believe is beyond doubt, because from April 15th until July 20th I treated in all sixty-eight cases of Typhoid Fever, out of which four terminated fatally, but not one of these latter was treated with Protonuclein. Unfortunately, this remarkable remedy was not at my disposal from the first outbreak of the disease, and I feel convinced that the death rate would have been less if Protonuclein had been used in the other cases.

Respectfully,

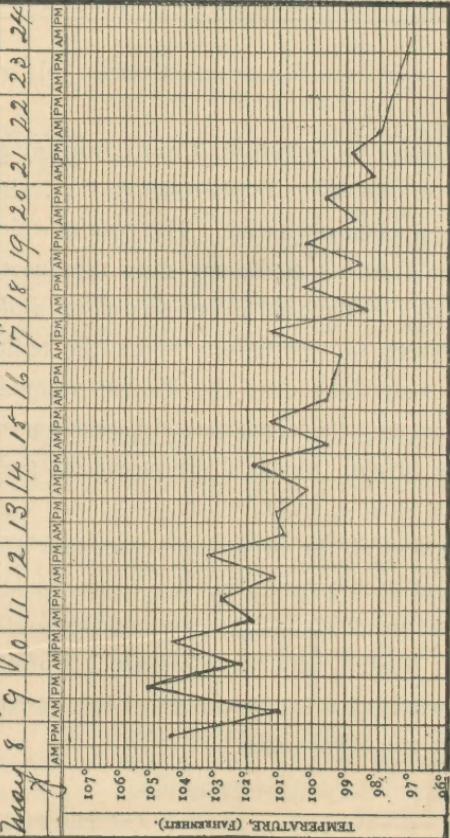
F. SCHAVOIR, M.D.

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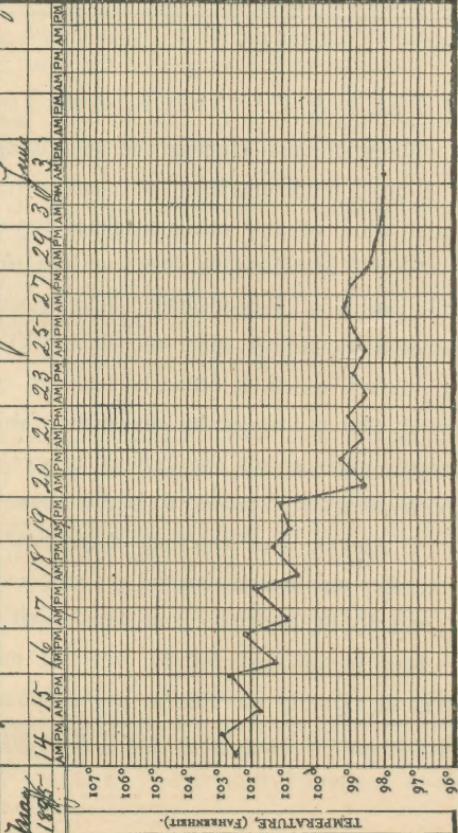
RECORD OF VITAL SIGNS.

Name, Hans Worn - Disease, Typhoid Fever.
Age, 19 years.
Officer Dr. F. Wagner, Hospital Game.



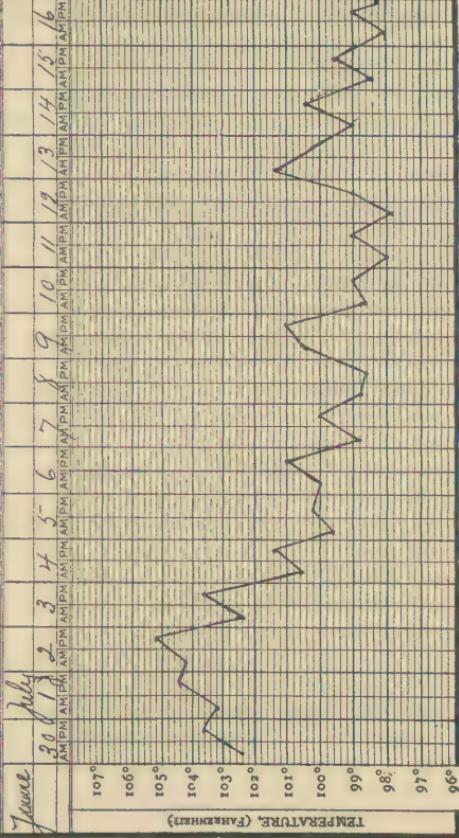
RECORD OF VITAL SIGNS.

Name Mrs. J. Carson Disease Fifth Disease
Bed No. 1 Age 36 Years Dr Schaefer Hospital



RECORD OF VITAL SIGNS.

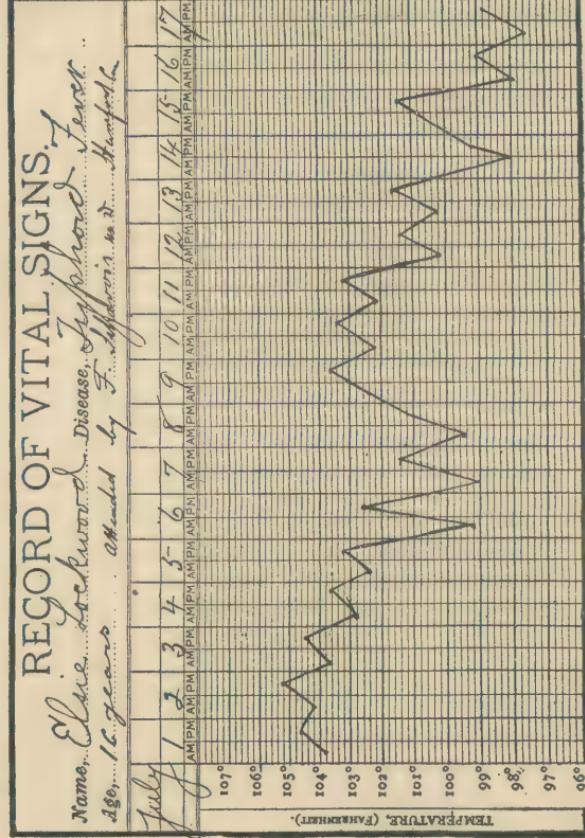
Name. Mrs. Eckhardt. Disease. Typhoid fever.
Age. 42 years Attended by S. Chapman, Thompson Comm. Nurse.



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RECORD OF VITAL SIGNS.

Name. Elsie Eckhardt. Disease. Typhoid fever.
Age. 16 years Attended by S. Chapman, S. N. - H. Hospital.



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THERAPEUTIC USE OF PROTONUCLEIN



NOTE.—All therapeutic suggestions here made are based upon typical conditions and are subject to modification by the attending physician.

INDICATIONS FOR USE.—1. Antagonism of **toxic germs** of all kinds. 2. Asthenic conditions (where the organism is below the normal physiological standard)—restoring the vitality of tissues, stimulating and supporting assimilative nutrition. 3. As a prophylactic or preventive in exposure to contagion or infection, in which case it either protects the organism from attack, or greatly modifies the virulence of the disease if attacked.

ADMINISTRATION.—Protonuclein is prepared in three forms:

1. **TABLETS.** Three grains each. Standard dose: one every three hours in acute cases; one every four hours in chronic cases.
2. **POWDER.** Internally the dose is the same as the Tablet—three grains.
Locally, to be applied with the Insufflator or powder-blower. For Ulcers and Lesions of surface.
3. **"SPECIAL" POWDER.** This preparation, containing no milk-sugar, is especially adapted to the treatment by inhalation of deep-seated cavities—the pharynx, larynx, and lungs, also the frontal and ethmoidal sinuses, which can not be reached with the Powder—and for making solutions for hypodermic use.

DIRECTIONS FOR USING THE "SPECIAL" POWDER.—The ordinary hand atomizer is well adapted to administration by inhalation.

Mix from six to twelve grains of the "Special" Powder in an ounce of pure water and place in the receiving-cup. Inhale in the usual manner for one minute at a time. Repeat three or four times a day according to indications. The same mixture kept in a cool place will last through the day.

This method has proved especially efficacious in Tuberculosis along with the internal administration of the regular Powder or Tablet. The "Special" Powder is also adapted to very irritable and vascular Ulcers and Diphtheria; also internally in Diabetes.

In all cases where the hypodermic injection of Protonuclein is used, there is a rapid afflux of Leucocytes to the part—more than is necessary for the reparation of lesion. The balance of circulation is soon established, and those Leucocytes in excess of what are appropriated return to the general circulation and the local congestion subsides.

HYPODERMIC USE.—The hypodermic use of Protonuclein has by experience been confined to tumors without lesion and to cases where very rapid action is required, e. g., Goitre, Sarcoma, and Sudden Collapse, Typhoid and Scarlet Fevers and all self-limited diseases.

Mix three grains of the "Special" Powder with one drachm of pure water. After settling draw off ten minims of the supernatant fluid and inject into base of tumor. Do not repeat the injection until the subsidence of the local swelling (which always more or less follows). This requires generally from twelve to twenty-four hours.

PROTONUCLEIN is compatible with all other therapeutic agents, but should never be used with them nor at intervals less than an hour. All Ulcers should be thoroughly cleansed before each dressing.

The following diseases have been successfully treated with Protonuclein. In those of chronic constitutional character requiring a longer time for final results than is yet possible for the clinical history of Protonuclein to positively establish, the rapidity of improvement reported, and the general building up of the organism, prove by all therapeutic laws the certainty of absolute cure where the disease is not too far advanced.

INDEX TO CLINICAL REPORTS, ALSO MODE OF ADMINISTRATION

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MODE OF ADMINISTRATION.—In the treatment of the diseases in the above list, and in fact in the treatment of all diseases and asthenic conditions, the Protonuclein Tablets or Regular Powder should be used internally. (See page 10.)

Indications for local treatment in connection with the internal administration of Tablets or Regular Powder are as follows:

Bronchitis, Catarrh, Hay Fever, La Grippe, Pneumonia, Tonsilitis, and Tuberculosis.—In connection with the internal administration of the Tablets or Regular Powder the Special should be used by inhalation. (See page 10.)

Carcinoma and Sarcoma.—In connection with the internal administration of the Tablets or Regular Powder dust the Regular or Special Powder over the surface three times a day, if there is a surface lesion, thoroughly cleansing before each dressing. If there is no surface lesion inject hypodermically at base of tumor two or three times a day. (See pages 10 and 3.)

Epithelioma and Lupus.—In connection with the internal administration of the Tablets or Regular Powder dust the Regular or Special Powder over the surface several times a day, thoroughly cleansing before each dressing.

Diphtheria.—In connection with the internal administration of the Tablets or Regular Powder the Special or Regular Powder should be used by inhalation or insufflation. (The Special by insufflation we believe most effective.) In cases of great virulence the hypodermic use of the Special instead of the internal administration of the Regular Powder or Tablets is advisable. (See note, page 6.)

Syphilis.—In connection with the internal administration of the Tablets or Regular Powder, if there are Ulcers or mucous patches, dust the Regular or Special Powder over the surface several times a day.

Ulcers, Chancroids, Lesions.—In connection with the internal administration of the Tablets or Regular Powder the Regular or Special Powder should be dusted on the surface several times a day.

Tonsilitis.—In connection with the internal administration of the Tablets or Regular Powder the Regular or Special Powder by insufflation or inhalation should be used several times a day.

Carbuncles.—In connection with the internal administration of the Tablets or Regular Powder local dressing of Regular Powder after incision.

Goitre.—In connection with the internal administration of the Tablets or Regular Powder hypodermic injection of the Special once every twenty-four hours is recommended. Note.—Many physicians have reported entire reduction of the enlarged gland by the internal administration alone of the Tablets or Regular Powder.

Cystitis.—In connection with the internal administration of the Tablets or Regular Powder make an injection into the bladder three times a day of $\frac{1}{2}$ ounce of water with three grains Regular Powder.

IMPORTANT NOTE.—The slight rise of temperature which usually follows within the first twenty-four hours after the administration of Protonuclein need occasion no alarm. It will steadily decline afterwards. The rise of temperature is not a degenerative action, as is the case in ordinary fevers, but a *constructive* accumulation of tissue pabulum, which, after becoming properly diffused through the organism, assumes and maintains the normal temperature and prevents its *after* rise from degenerative causes. Further, the rapid increase of the white corpuscles forces the red into greater activity, which results in increased oxygenation and consequent rise of temperature. Dr. Schavor's charts of Typhoid Fever cases (see pages 8 and 9) show that in every case the temperature reached a higher point the day after Protonuclein treatment was commenced, but that on the second day it did not rise as high, and continually subsided until *normal* was reached.

REPORT OF RESULT.

Disease.	Physician.	
Abscess.	Dr. O. E. F. Risch, Brooklyn, N. Y.	Has used Protonuclein in Abscess with good success.
Albuminuria.	Dr. H. W. F. Bartells, Bensonville, Ill.	"Age seven years. Symptoms—fever, pain, loss of appetite, slight swelling of lower limbs and face. Pains in abdomen at times. Pulse 110. Spells of vomiting. Diagnosis—Albuminuria, probably associated with Tuberculosis. Treatment—1-100 gr. nitroglycerine every twelve hours, three-grain Tablet Protonuclein every three hours, and ergot. Had been sick three weeks before he came into my care. During that time there was albumen and blood in urine. When I first saw him there was albumen in urine, test-tube three-quarters full; blood and mucus, sp. gr. 1002. At present no albumen or blood, sp. gr. 1012. Could notice improvement within twenty-four hours after I gave Protonuclein—albumen had all disappeared by second week, but reappeared again with bloody urine, and lasted five days. Since four days no trace of albumen, but expect it to come again. Patient gaining right along."
		<i>Later Report.</i> —Patient has had two slight attacks since, but urine has been normal for the past six weeks, sp. gr. 1018. Patient discharged as cured.
Anemia.	Dr. E. M. Sell, New York, N. Y.	J. T. M., age 28 years. Examination on July 9th of his urine exhibited the following: sp. gr. 1006; slightly acid; a few casts and renal epithelia; blood, and considerable albumen. Protonuclein Tablets were ordered and ten days later the sp. gr. was 1010, no trace of albumen, and the patient much stronger.
	Dr. Jas. E. Pryor, Ocean City, N. J.	"Anemia and General Debility. Three-grain Tablets Protonuclein every three hours for two days. Marked improvement began. Then I gave three-grain Tablet every four hours. The patient noticed the changed condition and expressed herself as feeling stronger. The skin became natural, and the patient rapidly grew better. An extreme acidity of the stomach arose, whereupon I began the use of <i>Peptenzyme</i> in Tablet form, giving one Tablet one-half hour after meals. This medication <i>acted like a charm</i> . In brief, I am a thorough convert to these elegant and reliable preparations and prescribe them daily."
	Dr. Jas. A. Morrow, Philadelphia, Pa.	"Languor, weakness, chills, hot flushes, numb sensations in left side, very anemic and exceedingly nervous, cries a great deal, sleepless and poor appetite. Protonuclein Tablets, one every four hours. Reports very satisfactory progress, sleeps well, appetite improved, strength returning, much better spirits. Is still on Protonuclein."
	Dr. H. W. Barnum, Poughkeepsie, N. Y.	General Debility, Diarrhoea, Intestinal Catarrh. Protonuclein, strychnia sulph. intestinal antiseptics. Gradual improvement. Used 100 Tablets Protonuclein—now well.

Many of these reports have been forwarded us before sufficient time has elapsed to effect a complete cure, but in nearly every instance the administration of Protonuclein has shown rapid improvement. In the second edition of this pamphlet, which will be issued in a few months, we shall be able to continue the history of these cases, together with many others where it is being tried.

Disease.	Physician.	REPORT OF RESULT.
Anemia.—Continued.	<p><i>Dr. H. W. Boyus, Cleveland, Ohio.</i></p> <p>* SEE NOTE</p> <p><i>G. M. Clouse, Columbus, Ohio</i></p> <p><i>Dr. T. J. Bowles, Muncie, Ind.</i></p>	<p>Has used Protonuclein in cases of Anemia with uniformly good results.</p> <p>A case of Pernicious Anemia shows marked improvement.</p> <p>Pernicious Anemia. Very gratifying results.</p> <p>" In every case of Anemia and general decline of neuro-muscular vigor which has come under my observation during this spring I have prescribed three grains of Protonuclein every four hours with half pint of sweet milk, and in a continuous practice of thirty-six years I have never been able with any treatment to achieve any such curative and satisfactory results as I have derived from an exclusive treatment with Protonuclein."</p>
Ataxia (Locomotor).	<i>Dr. J. R. Topping, Bridgeport, Conn.</i>	Patient showed marked improvement after ten days' treatment, asserting that he has not felt as well nor had as much control of his limbs for two years as he has at the present time.
Bronchectasis (Multiple).	<i>Dr. Moses Kleiner, Denver, Colo.</i>	Female, age 28. Repeated microscopical examinations of sputum for three years revealed no bacilli; diagnosis confirmed by consultation. Grave prognosis; no improvement with usual remedies. Protonuclein every three hours in three-grain doses. Result, expectoration became less, general symptoms improved, and a gain of eighteen pounds in weight in thirty days. Still on Protonuclein.
Bronchitis.	<i>Dr. E. H. M. Sell, New York, N. Y.</i>	Miss G. II., age 18 years took Bronchitis in February, 1892, which developed into Phthisis. In January, 1893, when I first saw her, she had night sweats, reduced in weight, presented in the whole of the left lung, front and back, fine and coarse rales; had several severe pulmonary hemorrhages subsequently. While this patient was much improved before the introduction of Protonuclein, she improved more rapidly since its exhibition. For the past month inhalations of a solution of the Special Protonuclein have been made with the hand atomizer in addition to taking the Protonuclein Tablets. July 29th—the temperature is 98 3-5° F. and the pulse 99, having heretofore seldom been less than 100° to 101° F. and pulse 110 to 120. The patient feels well and strong and the physical signs are rapidly becoming normal.
	<i>Dr. R. H. Baskin, Byron, Ga.</i>	"Protonuclein entirely. Relief obtained in forty-eight hours. I think it will do all it is recommended to do."
	<i>Dr. G. M. Harwood, Platte, Benzie Co., Mich.</i>	Chronic Bronchitis with complicated symptoms. Protonuclein two doses each day; steady improvement.

* Taken from report of a physician prominent in hospital practice. Rules of the hospital prohibit use of name

REPORT OF RESULT.

Disease.	Physician.	
Bronchitis (Catarrhal).	J. Scott Sanger, M.D. Orange, N.J.	" Case of Catarrhal Bronchitis following Pneumonia. Very nearly recovered, having only a slight cough. Gained four pounds in as many weeks and his strength has nearly doubled in that time. The treatment was locally, of spray, and internally, of Tablets. This is very remarkable when you consider the age of the patient, 77 years."
Carbuncles.	Dr. Robert L. Hammond, Woodsboro, Md.	" Deep hypodermic injections of Protonuclein into inflamed area. Injections made from circumference of mass through the dense bank of inflammatory tissue surrounding the center of the inflamed area. Case progressed to a favorable termination in one week. The injection undoubtedly favored and hastened healthy suppuration, materially lessened suffering and shortened duration of attack."
	Dr. Geo E. Smith, Oberlin, Ohio.	" Last week I dressed a Carbuncle with the Protonuclein. The next day it began to suppurate. On the fourth day the whole substance came away and the cavity is healing up. The patient complained of much pain from the application and on the last day I administered a small portion of morphine. Aside from that I used no other treatment."
Carcinoma.	R. T. Morris, M.D., Postgraduate Hospi- tal, N. Y. City.	" Carcinoma of the Uterus had destroyed the <i>Cervix Uteri</i> and ulceration of the anterior vaginal wall had extended to the Urethra. Under the influence of interstitial injections and local applications of Protonuclein the ulcerated surfaces stopped producing grumous serum. They suppurated and the ulcerated surfaces healed —apparently completely."
	Dr. R. E. Camfill, House Surgeon Rochester City Hos- pital, Rochester, N. Y.	" Age 49 years, married. Family history, one sister died of Uterine Cancer. First operation, October, 1893, removal of left breast for Carcinoma (scirrhus); second operation, for secondary glandular infection, July, 1894. Temporary relief, glands soon breaking down and ulcerating. Erysipelas toxine was tried without success. Protonuclein was then dusted on the Ulcers and in four days they were crusted over, in which condition they had never been, iodoform, bismuth, aristol, all having failed. To-day they are perfectly dry."
	Dr. Milwain, West Nashville, Tenn.	" Injection of Protonuclein once a day — a Tablet internally every three hours. Five years ago injured the breast; resulted in inflammation but no abscess; followed by a small kernel the following year and had remained so up to eight months ago, when radiating pains commenced, followed by rapid enlargement. Owing to the distance from the city, four miles, I am unable to see her but once a day; four injections so far; gradual softening and concentration of the growth; pains in the Axilla ceased. At first injection it was almost impossible to introduce the needle. It can now be done with ease. This patient is 41 years old. Colored. Nodulations three inches in diameter."

Disease.	Physician.	REPORT OF RESULT.
Carcinoma. —Continued.	<i>Dr. Milwain, West Nashville, Tenn.</i>	Patient 65 years of age. Similar to above. Protonuclein once a day; hardness of edges leaving; no pain and a healthy appearance.
	<i>Dr. J. D. Williams, Demorest, Ga.</i>	"Ulcerated surface $2\frac{1}{2} \times 3\frac{1}{2}$ inches, burning pain, great discharge, shooting pains all over side of head, developing rapidly. Repeated previous operations for removal with knife and caustics. Have treated her with Protonuclein about two weeks with astonishing results; the Ulcer seems to be healing nicely; granulations look healthy. Protonuclein Powder dusted on raw surface three times a day and internally one Tablet every four hours."
	<i>Dr. F. Baum, Kansas City, Kans.</i>	"The next case is an old man 61 years old with a malignant growth of the pylorus. Patient had been vomiting nearly everything he ate. I used two and three Tablets three times a day, which had the effect that the terrible pain and vomiting which had tormented him days and nights left him after a week's treatment with Protonuclein."
	<i>Dr. J. Arthur Bul- lard. Wilkesbarre, Pa.</i>	"Removal of thirteen cysts filled with material not unlike underdone tapioca and weighing thirty-six pounds. Found a cancerous tumor involving left lobe of liver. Second day gave Protonuclein, five grains every three hours. Bowels, sleep, strength, all have improved. The Protonuclein has apparently done wonders and I shall certainly give it other tests."
Catarrh.	<i>Dr. C. K. Christman, Reading, Pa.</i>	Acute Catarrh of Lungs. Hectic fever, night sweats, racking cough with soft, heavy, putrid expectoration, very nervous, Anorexia with marked emaciation. Marked improvement after first week, using Protonuclein, one Tablet every three hours. Fever and night sweats stopped; appetite returned; cough and expectoration markedly lessened; bronchial murmur gone and general improvement wonderful. No other remedy prescribed.
	*SEE NOTE.	Chronic Catarrh of Bladder. Fifteen years standing. Protonuclein with arsenite of strychnia internally, also hypodermic injections of Protonuclein. Making rapid recovery.
	<i>Dr. Granville L. Fox, State Springs, Miss.</i>	"Catarrhal Fever. Age 8 years. Did not expect the patient to recover inside of twenty days. I commenced giving two grains Protonuclein every three hours at 8:00 a.m. and continued the treatment twenty-four hours. At that time I called again. The little fellow had slept well through the night, ate plenty of breakfast; temperature down to 99; no nausea, no headache; bowels not swelled so much, cough better, pain in chest almost gone. I continued to give doses of two grains irregularly until the third day, when I dismissed him. He is now up—doing splendidly."

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REPORT OF RESULT.

Disease.	Physician.	
Catarrh. —Continued.	<i>Dr. T. Griswold Comstock, St. Louis</i>	It has proved beneficial in Intestinal Catarrh.
Cellulitis (Pelvic).	*SEE NOTE.	Superficial and deep tenderness over lower abdomen. Special tenderness over McBurney's Point. Constipation, vomiting, streaks of blood in stools, passage of pus. Pelvic Cellulitis. Salines, morphine, turpentine stupes, prepared foods, Protonuclein. Counter-irritants over both ovaries and internally in vagina. Case seemed to develop from chronic constipation combined with long-standing ovarian tenderness, and at one time seemed to involve the anterior abdominal region. All organs seemed to be involved. Case cleared up slowly but satisfactorily under remedies named. Protonuclein undoubtedly did its share in restoring the system to its normal tone, and preventing further complications. It was used during the last two weeks of illness.
Chancroids (Phagedenic).	<i>Dr. H. T. W., Rochester, N. Y.</i>	Phagedenic Chancroids — gangrenous. Charcoal poultices, Calomel applications etc., etc., tried without good effect; gangrene extending; temperature 105. Protonuclein was then dusted on the surface and Tablets internally four times a day. Improvement in twelve hours and this continued until recovery.
Cholera Morbus.	<i>Dr. C. F. Newman, Brooklyn, N. Y.</i>	"Since writing to you about Protonuclein I have used it in over a dozen cases of Cholera Morbus and am now using it in a case of Typhoid Fever. So far I am satisfied with the result in every case where I have prescribed it."
Debility and Marasmus.	<i>Dr. T. O. Reynolds, Kingston, N. H.</i>	"Case of Senile Debility. Has improved generally more in two weeks than under all previous treatment for one year. I have a girl who has been under treatment by several eminent physicians for eight months. She has taken the Protonuclein for ten days and shows such signs of improvement that I shall continue to prescribe it for her. I am so pleased with it that I shall test it to the utmost."
	<i>Dr. H. Beyer, Stapleton, N. Y.</i>	"This case is remarkable in being 84 years of age, very feeble and offering hardly any prospect of living longer than a few days on account of her great feebleness (second sound of heart not audible, temperature 97 4-10), and now, after using six bottles of Protonuclein and very little milk and whiskey besides, she maintains a normal temperature, good pulse and feels much stronger, with prospects of full recovery. Protonuclein seems to be an invaluable means to maintain the forces of life when at a low ebb."
	<i>Dr. J. F. Wright, Barton Landing, Vt.</i>	"I used the Protonuclein in a case of Marasmus and found its effects far beyond anything I had before tried."

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Disease.	Physician.	REPORT OF RESULT.
Debility and Marasmus. —Continued.	<i>D. J. L. Edwards, Eunis, Ellis Co., Tex.</i>	Indigestion, Constipation, Nervous Debility. Protonuclein three times a day. A former morphine fiend; habit now abandoned. After a week's treatment less pain in stomach and bowels, headache less, bowels move oftener; less despondency, appetite more regular, strength slowly improving.
Diphtheria.	<i>Dr. J. S. Wright, Tallmadge, Ohio.</i>	"It has worked a miracle in a case of Diphtheria, removing the membrane from the <i>Velum Palati</i> , tonsils and pharynx before I could get Behring's Antitoxine Serum. Only the membrane in the crypts of the tonsils, with the clear history of the case for ten days, were in evidence that the patient had true Diphtheria. Pulse 108, temperature 101 4-5."
	<i>Dr. D. W. Boone, Bellaire, Ohio.</i>	Used exclusively in treatment. Recovery. "I do not think Antitoxine Serum will compare with Protonuclein."
	<i>Dr. Arthur Beach, Brooklyn, N. Y.</i>	"During the past month I have used Protonuclein in two bad cases of Diphtheria, using it internally and locally according to your directions. The results were marked and gratifying, the patients both making good recovery."
	<i>Dr. G. M. Wellman, Dover Plains, N. Y.</i>	Case of adult. "Membrane began to loosen on the third day. The surrounding mucous membrane took on a healthy appearance on the second day and has remained so. Also pulse and temperature have been nearly normal since the second day. Patient convalescing. I considered this a case of unusual virulence. The remarkable point about it is the lack of prostration from the second day."
	<i>Dr. J. P. Boyd, Akron, Ohio.</i>	"Worst case of Diphtheria of pharynx and uvula I ever saw. Insufflation of Powder <i>every hour or two</i> . Well in about ten days."
	"	<i>Second Case.</i> —Used one-half Tablet internally every four hours and Powder by insufflation every hour or two. Well inside of a week.
	"	<i>Third Case.</i> —One-half Tablet once in four hours and insuflator. Well inside of a week."
	<i>Dr. Geo. E. Smith, Oberlin, Ohio.</i>	Three-grain Protonuclein Tablets repeated every three hours. Throat and nasal passages dusted every three hours with powdered Protonuclein. In eight hours the membrane began to come away. In fifteen hours a large mass loosened and almost strangled the patient. In forty hours a similar experience from nose. In forty-eight hours no appearance of membrane. Patient made a perfect recovery. Used no other remedies.
	<i>Dr. C. F. Newman, Brooklyn, N. Y.</i>	Two cases of Diphtheria "with marvelous results."

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Disease.	Physician.	REPORT OF RESULT.
Diphtheria. —Continued.	<i>Dr. J. C. Dreher, Plainwell, Mich.</i>	"With the Protonuclein I cured two cases of Diphtheria. Gave one Tablet every three hours and used the powder-blister every hour."
<i>We have received a large number of clinical reports of the use of Protonuclein in Diphtheria, and only in one case, which had advanced beyond the possibility of recovery, did failure follow. We are thoroughly convinced that the use of Protonuclein in Diphtheria will insure a much lower death rate than the treatment with Antitoxine Serum from the horse, and without the slightest danger following its use.</i>	<i>Dr. H. D. Van Gaasbeek, Deckertown, N. J.</i>	"Diphtheritic membrane covering both tonsils, uvula, root of mouth and back of pharynx. Iron internally, antiseptic douching. Gargle of potash permanganate. On ninth day patient gave evidence of blood-poisoning. Commenced Protonuclein. In twenty-four hours membrane began to loosen, mucous membrane looked more healthy, and in three days all membrane disappeared, as did the general systemic symptoms. Was very much pleased with its action. Gave one Tablet every three hours dissolved in water."
	<i>Dr. E. F. Whitehead, Columbiana, Ohio.</i>	<i>Later Report.</i> —I have used Protonuclein in three other cases of Diphtheria with good success. Temperature 101. Aching in back and legs; ashy-gray membrane on back of pharynx and on tonsils, and extending up posterior nares. Treatment—insufflation into nostrils of Mercuric Chloride 1-5000. Three-grain Tablet Protonuclein every three hours. Fever began to decline on second day, membrane loosened around edges on third day. Disappeared about sixth day. No other treatment except feeding frequently with milk and beef soup, whiskey for stimulation as needed.
	<i>Dr. I. C. Gary, Chicago.</i>	"Just recovering from a siege of Diphtheria. Obstinate patches on surface of uvula and velum—painful. Introduced a Tablet (in the absence of Powder) directly in contact with the diphtheritic patch during one of the acute exacerbations of pain. To my surprise the pain subsided in five minutes and the membrane loosened and a peculiar mass of a gelatinous appearance became detached. The results were simply marvelous and I am anxious to use the Powder in my practice."
	<i>Dr. B. D. Sheedy, Bridgeport, Conn. Local Bd' of Health.</i>	Nasal Diphtheria. Decided on a forlorn hope to inject with Antitoxine. Prognosis so bad and family so poor that the attending physician hesitated to put them to the expense of the treatment with Antitoxine. Protonuclein was tried instead, and after two days' treatment internally and by insufflation, the membrane disappeared and the child made a rapid and successful recovery.
	<i>Dr. J. J. Lamarid, Brooklyn.</i>	Employed Protonuclein in case of Diphtheria; quickly cured. Follicular Tonsilitis also cured; the vomiting in Catarrh of the stomach was soon controlled and recovery was surprisingly rapid and complete. Also cured a case of enlarged Tonsils.

Disease.	Physician.	REPORT OF RESULT.
Diphtheria. —Continued.	Dr. Davis Rove, Akron, Ohio. " Dr. Wellman, attending; Dr. G. B. Chapman consulting; Dover Plains, N.Y. " Dr. D. A. Artu, Greensburg, Pa.	<p>High fever, rapid circulation, vomiting; aching, and very restless; throat sore, deposit on both tonsils. Protonuclein, two grains every two hours internally; with powder-blower every three hours in throat. Whiskey and glycerine. Fourth day child well and throat clear. No other treatment. As a prophylactic gave two grains to sister three years old four times a day. So far she is well.</p> <p>In another case treatment same as above. Made good recovery and throat clear on fourth day.</p> <p><i>Later Report.</i>—“Since writing you I have used the Protonuclein in two other cases of Diphtheria with complete success.”</p> <p>Enlarged cervical glands, high fever, vomiting, profuse watery discharge from nose and mouth, yellowish-gray membrane on tonsils and sides and back of throat and nasal passages; great prostration at first. Three-grain doses of Protonuclein Powder every three hours, calomel night and morning for three or four days, brushed membrane and bathed nasal passages every three hours with carbolic acid, gave whiskey two drachms every three hours; constant vapor of Spts. of Turpentine on hot water in the room. Pulse 104, temperature 103; pulse subsided to 76, temperature 99 in five days; membranes came off in three days and formed again very thin. Tonsils and throat entirely normal on seventh day, discharged eleventh day. This patient made a very rapid recovery under Protonuclein and had no complications.</p> <p>Second case with similar treatment and same results.</p> <p>“I used Protonuclein in three cases of Diphtheria, giving Tablets internally and dusting the throat every three hours with the Powder. The membrane disappeared like magic and patients made a successful recovery.”</p>
Enteritis.	Dr. R. M. Everts, Silver Creek, N.Y.	Pseudomembranous Enteritis. Burning over abdomen and discharge from bowels of slimy membrane; great nervousness and emaciation. Protonuclein three grains every four hours; cod liver oil with each meal. Discharges bad; have seen patient for about fourteen months before this nearly every week, but stopped entirely in two weeks after using Protonuclein.
Epithelioma.	Dr. Levi P. Lentz, Fleetwood, Pa.	“Patient 60 years. Cancer hard; abrupt edges; removed three times by escharotics during last five years; not very painful. Commenced treatment with Protonuclein April 20, 1895, externally and internally. Ulcer getting smaller. Have seen him every other day and must say that I hope to cure him. Healthy granulations all around Ulcer.”

REPORT OF RESULT.

Disease.	Physician.	
Epithelioma. —Continued.	<i>Dr. N. A. Robbins, Brooklyn, N. Y.</i>	"Sore appeared on lip eight years ago; was at that time excised; sore reappeared about April 1, 1895; at that time some caustic was applied to the sore (not by myself); the same only tended to inflame the lip and caused great pain. Went under treatment with Protonuclein April 20, 1895; returned to duty June 1, 1895. Protonuclein dusted on sore; internally, three grains; pain stopped after using Protonuclein twelve hours."
	*SEE NOTE.	Vegetating Epithelioma of Cervix. Copious fetid discharges from vagina—a tumor that bled when touched, finally breaking down, crumbling when taken hold of with forceps—pain with fever. Tumor removed with scissors after a few days; ulceration began with bad odor and Protonuclein was given internally and applied locally. Douching with permanganate of potash. The case began to improve at once and made an uninterrupted recovery in five or six weeks.
Excoriated Nipples.	<i>Dr. J. L. Edwards, Eunis, Ellis Co., Tex.</i>	Cracked Nipples. Protonuclein locally after nursing. First confinement; child four weeks old when Protonuclein was applied. The Protonuclein was washed off each time before nursing the child. Results, painless nursing after first application; bleeding less; gradual healing.
Goitre.	<i>Dr. R. A. Stephenson, Manchester, Ohio.</i>	"The case of Goitre shows decided improvement."
	* SEE NOTE.	<i>Later Report.</i> —"The case of Goitre has made such wonderful improvement after taking two hundred Protonuclein Tablets that I have discharged the case as cured."
		Reports three cases of Goitre on Protonuclein. Two show marked improvement; in the other treatment has just commenced. In one case the gland has diminished at least one inch, and in the other improvement not quite so pronounced but the gland is slowly being reduced. Very much encouraged by results.
	<i>Dr. F. P. Keyes, Brooklyn, N. Y.</i>	About six months ago I began the use of Protonuclein Tablets on a case of Goitre which had troubled the patient for many years. The enlargement was on the right side and about the size of a small hen's egg. I had used everything known to the profession with no lessening of the swelling. At first the patient took four Tablets a day, later on three a day. No perceptible reduction of the swelling was noticed the first three weeks; then the swelling began slowly to decrease and I ordered the patient to take four Tablets a day, which she has done up to the present time when there is hardly any swelling apparent. I have noticed also that the general health of the patient is much improved.

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Disease.	Physician.	REPORT OF RESULT.
Goitre. —Continued.	Dr. J. C. Thompson, Pittsburg, Pa.	Exophthalmic Goitre. Results very favorable under this form of treatment. A gain of six pounds in a month; decrease in pulse rate from 110 to 102 per minute, and a restoration of sexual desire and power, whereas there had been impotence for one year previously.
Hemorrhage.	Dr. W. T. Hudson, Brooklyn, N. Y.	"Have used Protonuclein with fine effect in cases of Hemorrhage of Uterus."
Impotence.	Dr. D. W. Boone, Bellaire, O.	"I use the Tablets in place of the regulation aphrodisiacs with perfect results."
	*SEE NOTE.	"I have used Protonuclein with excellent results as a tonic and tissue-builder on patients I intended to operate upon, but who were debilitated and apparently unable to stand the shock of an operation. In this way I learned the power of Protonuclein as an aphrodisiac."
La Grippe.	Dr. Jas. E. Byon. Ocean City, N. J.	"I have had some severe cases of La Grippe and its sequelæ, also Malaria and Neurasthenia. So far as I have used Protonuclein I find it the best of all medications which I have used."
	"	"La Grippe followed by Pneumonia. Hereditary tendency to Tuberculosis in family. On subsidence of pneumonic trouble general abscess in scalp, breast, armpits, and hands, their number causing great distress and pain. At this point in his case I obtained the Protonuclein and gave one Tablet every four hours. His improvement was marked from this time and he made a good and steady recovery."
	Dr. W. T. Hudson, Brooklyn, N. Y.	Have been using Protonuclein in sequences of La Grippe with fine effect.
	Dr. W. S. Allee, Olean, Mo.	"Sequelæ La Grippe, Neuralgia and Prostration. Patient was improving when I began the use of Protonuclein, but has improved much more rapidly since. Think it has been of great benefit to her."
Lupus.	Dr. E. H. M. Sell, New York, N. Y.	Mrs. A. R., aged 55 years, who suffered with Lupus of the face for sixteen years, has been taking the Protonuclein inwardly and applying locally, and is improving steadily under treatment.
Malaria.	Dr. E. G. Roberts, Fair Haven, Vt.	Chronic Malaria complicated by gastric form of Influenza. Chills, with marked nervous depression and palpitation; anorexia and general debility. General tonics, especially arsenic and iron (she can not take any quinine), nourishing and digestible diet. Did not do well; put her on Protonuclein and she commenced to gain some and is slowly recovering.
		<i>Later Report.</i> —"The case referred to in my last letter finally recovered under the use of Protonuclein."



REPORT OF RESULT.

Disease.	Physician.	
Malaria. —Continued.	<i>Dr. Jno. A. King, Thomaston, Texas.</i>	"I have great confidence in its virtue. I have employed it with success in one case of Malarial Fever and will make extended experiments with it, as I believe it will supersede quinine in the treatment of the malarial affection."
	<i>Dr. F. C. Dreher, Plainwell, Mich.</i>	"I have recently treated a case of Malarial Fever with Protonuclein alone. Recovery in five days."
	<i>Dr. S. J. Brietz, Hamilton, Ark.</i>	"Patient 27 years. General feeling of weakness; slight fever coming at irregular periods; spleen enlarged; liver engorged; variable appetite; skin sallow, eyes yellow and jaundiced. Diagnosis—Malarial Poisoning. Treatment—one Tablet Protonuclein every three hours during day, all other treatment being stopped. Clinical history—this case is one frequently met with in my practice; upon the exhibition of the remedy she at once began to improve, appetite and digestion better, gaining in weight and free from fever. Previously had iron, quinine and strychnine as tonic, but did not seem to improve. I am very favorably impressed with the effects of the medicine in Malaria, especially the <i>chronic</i> type where we seem to get no benefits from antiperiodics and general tonic treatment."
Malassimilation and Indigestion.	<i>Dr. A. H. Bowen, Volusia, N. Y.</i>	Pain in region of stomach, vomiting, tympanites, indigestion, malassimilation. Three-grain Tablets Protonuclein every fourth hour. No vomiting after first Tablet; tympanites and pain relieved in twelve hours. Complete recovery in five days. Patient has had previous attacks for the past three years which ordinarily continued about two weeks.
Marasmus.	<i>Helen M. Chittenden, Woman's Hospital and Foundlings' Home, Detroit, Mich.</i>	"Simple Marasmus resulting from Malnutrition. We fully expected to lose this baby, and consider that Protonuclein tided him over until we found a food adapted to his need. One grain four times a day was administered. Have also used it in several other cases in combination with other remedies and find it a useful adjuvant."
Measles.	<i>Dr. L. W. Gates, Lone Tree, Iowa.</i>	"When first called, fever $104\frac{1}{2}$, cough with profuse expectoration. Second day, temperature normal, cough nearly gone and patient says he is well. Three grains every three hours and a solution of same for gargle."
	<i>Dr. Chas. E. Bacon, Table Grove, Ill.</i>	"Gave Protonuclein in two-grain doses every four hours and stopped all other medicines except Cough Syrup. Rapid change for the better in three or four days, and has made a complete recovery. This little girl is the only one left of seven; father and mother both dead; nearly all died of Tuberculosis. I will test Protonuclein further, as I have great faith in it now."
	<i>Dr. Davis Rowe, Akron, Ohio.</i>	Protonuclein two grains in syrup of cherry every two hours. Twenty-four hours after treatment swelling of cervical glands gone, fever abated, well, except cough.

Disease.	Physician.	REPORT OF RESULT.
Measles. —Continued.	Dr. T. J. Bowles, Muncie, Ind.	" I have used it in many cases of Measles, an epidemic of which has recently prevailed in this city, and it has a modifying effect on the course of this infection. I am fully persuaded that it is a <i>very</i> valuable addition to our therapeutics."
Neuralgia.	Dr. Burwash, Sur- geon Cook Co. Hos- pital, Chicago, Ill.	" Neuralgia of fifth nerve. Anemia. Protonuclein Tablets grs. iii. three times a day. Stopped all previous use of morphine, etc. This lady was such a constant sufferer from pain that she had all of her teeth extracted by the advice of a physician, and no relief following had resigned herself to the constant use of morphine and remained indoors with her head bundled up with flannels, hardly removing them a sufficient length of time to permit me to examine her. I stopped all the anodyne treatment with difficulty and after two weeks with the above treatment improvement began, and at the end of four weeks she feels as well as ever."
Neurasthenia.	Dr. T. Griswold Comstock, St. Louis.	" Neurasthenia is now believed to be due to absorption of ptomaines, which may produce in the patient a sort of autoinfection, and I think Protonuclein is a rational treatment for such cases. I have found it to agree with everybody thus far where I have prescribed it."
	*SEE NOTE.	" Patient despondent; suffered Insomnia; pain in lumbar region. Imagined he had some grave disease and was going to die. Tried all known remedies with no effect, then began use of Protonuclein. At this date, June 8th, patient weighed 120 pounds and very despondent; to-day, July 22d, weight has increased to 138 pounds and patient seems entirely well."
	Dr. W. J. Jones, Crozet, Va.	Pulse beat feeble and sometimes intermittent, complexion sallow, gradual loss of weight, insomnia, indigestion with considerable gas in stomach and bowels; Protonuclein and Peptenzyme, one of each after meals and one of Peptenzyme before meals. Clin. history: La Grippe over a year ago. Patient not well, but improvement steady. In six months has gained seven pounds; sleeps well; digestion much better; strength greatly increased.
	*SEE NOTE.	Has used Protonuclein in debility arising from trouble, with satisfactory results. Also in exaltation of heart action from emotional causes with "surpassing satisfaction."
		Irritable, sleepless, poor memory—inability to apply himself to mental work. Protonuclein four Tablets daily, patient grew better and is now, after six weeks, well. The Protonuclein at first seemed to excite the patient like strong coffee, but this feeling passed away.
		Tachycardia and Neurasthenia due to grief; rapid heart 125 per minute; feeling of fatigue; sleepless. The rapid heart was contracted by the use of digitalis and nitroglycerine. After Protonuclein the patient rapidly recovered and is now well except Anemia; Protonuclein continued.

* Taken from report of a physician prominent in hospital practice. Rules of the hospital prohibit use of name.

Disease.	Physician.	REPORT OF RESULT.
Neurasthenia. —Continued.	Dr. B. N. Baker, Rhinebeck, N. Y.	" Case female, aged 34. Spinster. Neurasthenia with strong symptoms of insanity; in fact, was insane in so far as having delusions. Violent pain in heart; evening temperature 100 4-5. Pupils largely dilated, so much so that objects ten feet off were indistinct. I began giving her Protonuclein, a Tablet every three hours. No other medicament. After the fourth day the delusions were gone, pain in the head only occurs at times. Temperature nearly normal, evening 99 1-5. Expression and color of skin very much improved, sleeps better, and in every way I am so much encouraged that I shall continue the same treatment, for I certainly expected her to become insane and die."
	Dr. F. S. Bless, Troy, N. Y.	Complete loss of nerve power following an unusually severe attack of Diphtheria some seven months ago. This patient has been given tonics, nerve foods, electricity, etc., all to no avail. After prescribing Protonuclein decided improvement noticed at once.
	Dr. G. E. Jones, Cincinnati, Ohio.	Am using it in Neurasthenia and gratified with results. One patient has been an invalid for years, but the past two weeks has been almost a well woman.
Otitis.	*SEE NOTE.	"Have used Protonuclein in Neurasthenia with uniformly good results. Several cases which I have had under treatment for a year, which have not yielded to any other treatment, have shown decided improvement under Protonuclein."
	*SEE NOTE.	" When called to see the baby it had a purulent discharge from the right ear which suddenly seemed to be followed by pains and high temperature, sleeplessness and convulsions; could not retain any kind of food. Began treatment Protonuclein April 5. Made a good recovery by April 30."
	Dr. S. J. Wright, Tailladge, Ohio.	" I have used Protonuclein in purulent Otitis Media, with perforation of drum, by insufflation, via external meatus, and by pharyngeal insufflation, with good results. In poisoned wounds it acts promptly, recalling the old proverb, <i>Tute cito et jucunde.</i> "
Paralysis (Partial).	Dr. C. H. Benson, City Dispensary, Syracuse, N. Y.	" Have used Protonuclein in a large number of cases of chronic and acute discharges from the ear with uniformly good results."
	Dr. Wm. V. Ewers, House Physician, Rochester City Hospital, Rochester, N. Y.	Mrs. L., age 44, married. Nine years ago had nervous prostration and then began to have pain and numbness in right leg, then left leg, then arms involved and patient has been bedridden for three years. Patella reflex, exaggerated ankle, clonus marked, and gait spastic. Prescribed Protonuclein five grains three times a day and a tonic containing strychnine, also massage. Gradually began to improve, could lift herself up in her chair, then began to walk, and now walks the length of the ward and back daily with slight assistance.

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REPORT OF RESULT.

Disease.	Physician.	
Paresis.	Dr. Geo. D. Stanton, Stonington, Conn.	Reports recovery of patient and adds: "As a nerve-revivifier, so to speak, and tissue-builder it appears to be the <i>ne plus ultra</i> of medicinal agents. From almost a skeleton he has become quite stout, and his flabby attenuated muscles are restored to their normal conditions and are as firm as ever." This case was complicated with <i>Pernicious Anemia</i> .
Peritonitis.	Dr. Robert Booth, Millbury, Mass.	"The most marked therapeutic effect of the remedy (Protonuclein) I witnessed was in a very severe case of Peritonitis which came under my care ten days ago. The temperature stood at 105 1-5 and pulse 135; great tenderness all over the abdomen; much disturbance of stomach and excessive thirst; on third day the heart became weak and the respiration sighing. With the exception of the relief from pain by the free use of opiates there appeared to be no improvement. I ordered Protonuclein, two Tablets every three hours, and on next visit, twelve hours after, the pulse had fallen to 108 and temperature to 102. Since then improvement has been gradual, the patient being, in general, free from fever in the morning, with but slight evening exacerbation. To-day, five days later, the pulse was 82, temperature <i>normal</i> , with clean tongue and returning appetite. The attack was thought to have been brought on by a sudden suppression of the menses, but I am inclined to the belief that it was of septic origin."
Pneumonia.	Dr. F. L. Oswald, Harlem Hospital.	"Laborer; age 35; sick at home five days before admission to hospital. On entering temperature was 104 5-10, respiration 48-50; complete consolidation of right lung; delirious. Tried cold pack, reducing temperature 1 degree. Dissolved one Protonuclein Tablet in water and administered hypodermically. At end of 2½ hours marked improvement. Patient finally discharged cured. We have heretofore considered delirium attending Alcoholic Pneumonia a fatal symptom."
* SEE NOTE.		"I desire to try Protonuclein in two cases of Pneumonia, for I believe it saved one already for me."
* SEE NOTE.		Pleuro-Pneumonia with fibroid deposit. Improved and left the hospital.
Rheumatism.	Dr. Burwash, Cook Co. Hospital, Chicago.	"Chronic Rheumatic Arthritis; hands and fingers distorted; pain intermittent; at times no sleep for several nights. This lady had been under treatment at intervals for years without much relief; placed her upon Protonuclein and Cod Liver Oil; as she was not a good patient to visit frequently I only saw her once. About five weeks subsequently she brought her daughter to consult me, stating that 'the little Tablets had given her such marked relief that she thought she would become entirely cured in time.'"

* Taken from report of a physician prominent in hospital practice. Rules of the hospital prohibit use of name.

REPORT OF RESULT.

Disease.	Physician.	
Scarlet Fever.	<i>Dr. C. F. Newman, Brooklyn.</i>	Used Protonuclein in two cases of Scarlet Fever and one case of Scarlet Fever with Diphtheria with marvelous results.
	<i>Dr. R. N. Evarts, Silver Creek, N. Y.</i>	" Injection into the shoulder every day; also of five other children who were in the same room most of the time. Not one of the children contracted it, and the patient made a speedy recovery. Was called to this family as Health Officer, town of Hanover, and had the attending physician use the Protonuclein to prevent spread of disease."
	<i>Dr. A. D. McDonald, Wilmington, N. C.</i>	" Scarlatina Anginosa. Worst case I have seen to live. Protonuclein, two grains every two hours. Syringed nose with Pyrozone; stimulated the child; to-day is safe, but not able to stand on its feet. Protonuclein is one of the grandest of medicines. I do not fear Scarlatina."
	"	Another case similar to above treated in same way. Now out of danger.
	"	" I used Protonuclein in a case of Scarlet Fever. The result was so grand I could hardly believe it. Since that time I have prescribed it in three cases of Scarlet Fever, and one of Tonsilitis, in all with the most satisfactory results."
	<i>Dr. T. J. Bowles, Muncie, Ind.</i>	" In Scarlet Fever its effect is striking. According to age I have been using it in doses of from two to five grains every three hours with a drink of cold water, and have confined every case to this simple and uncomplicated medication, using no other internal remedies. Frequent inunctions with axungia and linimentum ovi to the throat externally have been the only other means employed. I have been delighted and surprised at the rapid decline of pulse rate and high temperature which invariably follows the use of Protonuclein. Convulsions, if they occur, soon cease, and the anginose complications soon subside and no sequælæ have followed. Convalescence has been normal and uninterrupted. I feel confident that Protonuclein marks an epoch in the history of medicine."
Sepsis.	<i>Dr. T. O. Reynolds, Kingston, N. H.</i>	" Blood-poisoning. Erysipelas set in and involved the whole left arm. Pus cavities formed in all the bellies of prominent muscles. Under ordinary treatment the patient grew worse daily until I put him on Protonuclein, three grains every three hours night and day. Also injected same in solution in arm in three places in forty-eight hours. There was marked improvement. This was two weeks ago and to-day he is considered out of danger. The symptoms have all gradually disappeared and although I am still using the Protonuclein less often, I can but consider his recovery due to the drug in question. I should have expected a fatal termination in this case and attribute the excellent result to the Protonuclein."

Disease.	Physician.	REPORT OF RESULT.
Sinuses.	Dr. R. E. Camfill, House Surgeon Rochester City Hos- pital. Rochester, N. Y.	" M. P., 53 years, married, case of Necrosis lower third of right femur. Operated on December 1, 1894, February 19, 1895, May 28, 1895, at which times large portions of bone were removed and whole surface curetted; never, following these operations, could we promote healthy granulations, always leaving a discharging sinus without tendency to heal always remaining. It was in this condition when I began dusting with Protonuclein about a month ago. To-day there is no discharge and can pass a probe in only half an inch. It is rapidly becoming a superficial Ulcer."
	Dr. H. T. W., Rochester, N. Y.	Sinus in abdomen, discharging for months after Laparotomy. Improved rapidly after injections of Protonuclein and is now nearly well.
	"	Sinus following operation for radical cure of Hernia. Protonuclein injected into Sinus. Cured in a few weeks.
	"	Sinus in abdomen following Laparotomy. Sinus injected with Protonuclein solution. Soon healed.
Spinal Disease	Dr. J. M. H. Clark.	General Prostration from Spinal Disease. Remitting fever, frequent sores. Administered Protonuclein; the second day the fever abated; patient improved daily and is now well and hearty.
Syphilis.	Dr. C. S. Lawton, Bermuda, La.	"Hereditary Syphilis. Infant fifteen months. Fever every day; vomiting soon after nursing. Temperature, 100-102; afternoon exacerbations; pale, constipated, emaciated, skin scaly. Treated some time with quinine and calomel. Then Protonuclein three times a day with Fowler's Solution. Father of child syphilitic before marriage. From the first day I commenced my treatment with Protonuclein the fever left, appetite for the breast returned, sleep natural, no more vomiting, talks better, takes more interest in noticing things of life, laughs and plays with its mother and is generally better in every way."
	*SEE NOTE.	Soft Chancre-bubo well developed on right side, on the other side all the glands enlarged and sore, and developing. Used internally only. Glands almost completely reduced and general improvement.
Tonsilitis.	Dr. H. P. Nelson, 605 W. VanBuren St., Chicago, Ill.	"A severe case of Tonsilitis. I gave four Tablets with surprising results in a very short time. I am also testing in a case of Chronic Catarrhal Bronchitis with marasmic diathesis. I believe in Protonuclein."
	Dr. Watson, Brooklyn, N. Y.	Used Protonuclein in Tonsilitis; the cure was effected with great rapidity and satisfaction.

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REPORT OF RESULT.

Disease.	Physician.	
Tonsilitis. —Continued.	Dr. W. W. Ayres, 517 12th St., Washington, D. C.	<p>"A case of Tonsilitis which gave promise of being a severe attack, as the patient was subject to it and was a great sufferer. I gave Protonuclein three grains every three hours, and only once did I vary the treatment. This was because of the sudden rise of the temperature, which went up to 103.2° on the second day with a great increase in the pain. I had almost made up my mind to return to my former treatment, but I decided to settle the question of the value of Protonuclein then and there. So I continued its use, and I am glad I did, for the patient, who was accustomed to being in bed a week and having her tonsils incised, was down-stairs on the fifth day and was rapidly convalescing. For her to be up and about so soon astonished me and far surpassed my most sanguine expectations."</p>
	Dr. Mortimer H. Brown, Holcomb, Ill.	<p>"Suppurative recurrent Tonsilitis. Patient was sick five days before treatment and was taking quinine and other remedies, but on account of increase of symptoms called me in on the sixth day. Commenced to improve at once and discharged in two days cured. I was very much pleased with the prompt results obtained from the use of Protonuclein."</p>
	Dr. Robert Booth, Millbury, Mass.	<p>"Tonsilitis following La Grippe yielded readily to the use of Protonuclein. Another case in the same family. Applied the usual remedies, Potass. Chlorate and Tinct. Ferri. Mur., but without any benefit whatever. I then tried the Protonuclein and the following day the improvement was apparent. Having but a limited supply of Protonuclein I thought I would finish the treatment with the former remedies, but the following day I was sent for with the statement that the boy's throat was worse than ever. I had but eight Tablets left and directed that one be crushed into powder and be blown into the throat every three hours. On next visit I found the throat so much better that I deemed further treatment unnecessary."</p>
Tuberculosis.	Dr. C. F. Newman, Brooklyn, N. Y.	<p>Case of Tonsilitis—"with marvelous results."</p>
	Dr. R. T. Morris, Postgraduate Hospi- tal, N. Y. City.	<p>Tuberculosis of the neck of the bladder involving part of the urethra is doing finely under daily local applications of Protonuclein solutions. The patient has gained several pounds in weight and the discomfort which was constant in the involved regions has practically disappeared.</p>
	Dr. Geo. W. Cushing, Brooklyn, N. Y.	<p>"I have been using Protonuclein in several cases of Tuberculosis with beneficial results."</p>
	Dr. E. M. Obermiller, Cleveland, Ohio.	<p>"Protonuclein, rest, fresh air, feeding every hour, phenacetin, quinine, etc. Caused by La Grippe and Pneumonia. Patient weighs only 72 pounds and I can not account for the fact that life is prolonged in any way unless it is due to Protonuclein. Cough, night sweats, and pains have left her."</p>

REPORT OF RESULT.

Disease.	Physician.	
Tuberculosis. —Continued.	<i>Dr. F. Baum, Kansas City, Kans.</i>	"Case of Pulmonary and Abdominal Tuberculosis. A young girl of 19 years with complete solidification of lower portion of left lung and partial solidification of the right; besides that, effusions and adhesions in pleural cavity. Her peritoneum was badly affected and her temperature rose from 101 to 102 every evening. I commenced giving her two Tablets three times a day after meals and now she is taking three Tablets three times a day. Her improvement is most wonderful, her respiration is more free and deeper, her temperature is normal, her appetite is excellent and the effusions seem partly absorbed."
	<i>Dr. S. H. Murphy, Glendale, N. Y.</i>	Tubercular Pharyngitis and Laryngitis. One Tablet of Protonuclein four times a day. Powder of same locally to pharynx and larynx with an insufflator four times a day. Six years ago Nasal Catarrh began, followed by Pharyngitis one year later, there being occasionally small abscess in tonsils. One year ago voice became hoarse and chills occurred irregularly, and during last six months night sweats. Now no chills or night sweats, hoarseness nearly gone, color of mucous membrane much improved; little soreness or discharge from any part of nose or throat and is feeling better than in two years before. No other medicines being used.
	* SEE NOTE.	Tubercular Lymphadenitis of the neck. Administered internally only. Many of the glands completely reduced — others almost — marked general improvement.
	<i>Dr. W. M. Donald, Detroit, Mich.</i>	"Case of Tuberculosis with large part of one lung consolidated shows marked general improvement and decided change for the better in the lung. Used nothing else on this patient and am charmed with the effect."
	<i>Dr. J. H. Schall, Cumberland Street Hospital, Brooklyn, N. Y.</i>	Admitted June 20th. Patient reports exhausting night sweats, barking cough with blood-tinged expectorations for three months. Present history: feels weak; increasing Dyspepsia; slight exertion causes vertigo; four pulmonary hemorrhages lately. Extremely anemic; dullness in right apex; bronchial breathing in second intercostal space of the left side; considerable pain. Expectoration characteristic of Tuberculosis. Patient was put on the favorite remedies with no apparent effect. July 7th Protonuclein first administered, one Tablet every three hours. Improvement noted on the 10th; by the 12th marked decrease in chest pains, less coughing, hemoptysis very slight; increase in appetite and strength, and permitted to be up and about the ward.

Later Report.—Improvement has continued, and now, the 20th of July, he can walk some distance without feeling fatigued; respirations are better, little or no shortness of breath; has a better color, enjoys his food and growing stronger each day and apparently on the road to recovery.

* Taken from report of a physician prominent in hospital practice. Rules of the hospital prohibit use of name.

REPORT OF RESULT.

Disease.	Physician.	
Tuberculosis. —Continued.	<i>Dr. J. E. Barrows, Tupper's Plains, O.</i>	"Have received good results in a case of Tuberculosis."
Typhoid Fever.	<i>Dr. J. A. Cochran, Brooklyn, N. Y.</i>	Has used Protonuclein in Tuberculosis with good results.
	<i>Dr. M. W. Staples, Grove City, Ill.</i>	"Sickness began February 16th with uterine hemorrhage; the latter continued until I was called, the first day of March. Fever developed March 4th; continued until April 2d; when it left patient was exposed to a cold draught of wind, the 4th of April; fever attended with Pleurisy and engorgement of lung. I treated her in the usual way until I received your two samples of Protonuclein; began from that time to improve, fever running lower until it left."
	<i>Dr. J. W. Van Winkle, Chicago. Reports from Dr. C. L. Kinyon, Rock Is- land, Ill.</i>	A case of convalescence from Typhoid Fever, in which there was great emaciation and Anemia. After twelve days' treatment with Protonuclein showed unusual improvement, gaining twelve pounds in twelve days.
	<i>Dr. H. P. Nelson, Chicago, Ill.</i>	<i>Note.— See report from Dr. Schavoir, of Stamford, Conn., on the use of Protonuclein in twenty-one cases.</i>
	<i>Dr. R. M. Evarts, Silver Creek, N. Y.</i>	"In consultation in a case of Typhoid Fever which had been given up by two of our leading physicians I suggested Protonuclein Tablets, one every three hours. The attending physician has just informed me that his patient began to improve with the use of Protonuclein. This case was marked by unusual nervous depression; was semi-comatose, with involuntary discharges and other unfavorable symptoms."
	<i>Dr. E. J. Kempf, Jasper, Ind.</i>	"I have used Protonuclein in several cases of Typhoid Fever with good results in all."
		"Typhoid Fever with Meningitis. Fever 105° , pulse 130, intense headache, violent delirium, epistaxis, constipation, sleeplessness. An abortion of fifth month foetus, threatened collapse. On the tenth day when the case was regarded as hopeless treatment with Protonuclein was commenced, one Tablet every three hours being administered. Improvement on the second day—temperature 103° , pulse 108, delirium and headache gone. Patient convalescent on the fifth day of treatment. Result is nothing short of wonderful."
Ulcers.	<i>Dr. Chas. L. Bonnell, Brooklyn, N. Y.</i>	<i>See Dr. Schavoir's Typhoid Fever report, page 7.</i>
		"I have been using Protonuclein in ulceration of the bowels extending to the rectum with beneficial results."

Disease. **Physician.**

REPORT OF RESULT.

Ulcers.

—Continued.

Dr. Henry Heileman, Philadelphia.

"It gives me great pleasure to state that the results obtained from the use of Protonuclein are most satisfactory and surprising in my own case. Since I began its use I find that the tough indurated mass has almost softened to a watery condition and that the induration has not spread as heretofore. The microscope shows the microbe Rayfungus or actino mycosis. The use of Protonuclein breaks down the indurations so that at each time of dressing I am able to take away pieces weighing seven to ten grains. From appearances I will get well—something that eighteen surgical operations have not accomplished in two and a half years. I heartily endorse the Protonuclein in all Ulcers, no matter of what origin."

Dr. H. F. Risch, Brooklyn, N. Y.

*SEE NOTE.

"I have used Protonuclein in Ulcer of the hip of long standing. Rapid and complete cure."

Scald.— Left arm and entire side scalded; used other treatment short time, but reparative process very slow. Dropped all treatment except local application of Protonuclein twice a day and entire surface healed very quickly.

Dr. Josiah Gunning, Brooklyn, N. Y.

"I have prescribed Protonuclein in the treatment of indolent and rodent Ulcers with the most satisfactory results. In these cases it is of unquestionable value. It should be used topically and internally. The improvement is quite noticeable in a few hours."

Dr. D. W. Boone, Bellaire, O.

* SEE NOTE.

"The Protonuclein Powder is the best dressing I ever used in Venereal Ulcers."

Ulcer of Bladder. Ulcer almost healed and general condition of patient *greatly improved*. Administered internally and packed the Ulcer with the Powder three times a week. Could not apply locally oftener as patient lives in the country.

J. Scott Sanger, M.D., Orange, N.J.

"I have found it the very best remedy for curing small Ulcers in the mouth, as canker sores, etc. It relieves the pain immediately and the Ulcer heals in about ten hours after application, only one being needed."

Dr. De Forrest Willard, 10th & Walnut Sts., Philadelphia, Pa.

"I have certainly had most remarkable results from the local use of Protonuclein in sluggish ulcerations and in Syphilitic Ulcers, healing having progressed with wonderful rapidity."

* Taken from report of a physician prominent in hospital practice. Rules of the hospital prohibit use of name.



REPORT OF RESULT.

Disease.	Physician.	
Ulcers and Lesions.	Dr. C. H. Shelton, Montclair, N. J.	Case of Ulceration after amputation for senile gangrene of right leg. Slow, steady improvement, fading of purplish color, relief of pain, and healthy granulations.
	Dr. A. P. MacDonald, Danbury, Conn.	"After three months of strapping I began using Protonuclein as a local application. Immediately the formation of pus stopped and it began granulating so rapidly that in three weeks the Ulcer had healed."
		"Since I sent you the report of my case of Varicose Ulcer treated by Protonuclein I saw a case where the remedy as a local dressing surprised me. Mr. _____, a hatter, aged 52 years, injured his skin accidentally by falling against an iron instrument. When he came under my observation six days afterwards, the tissue that had received the full force of the injury had sloughed out, leaving an unhealthy dark-green ulcer surrounded by an inch border of the same colored skin. My experience in similar cases would warrant me in expecting the whole discolored tissue to slough. Foot and ankle swollen, red and painful. I packed the ulcer with Protonuclein and dressed it in the usual manner. In two days the appearance had so changed that I found a healthy ulcer, normal in appearance and <i>without pus</i> . The swelling, pain, and redness in adjacent tissues had disappeared."
Ulcer, followed by Gangrene.	Dr. J. H. Wiggins, Jamestown, N. Y.	"Varicose Ulcer. Chronic—four or five years' standing; gradually enlarging. Age 40. After using Protonuclein noticed so rapid improvement stopped all other treatment. Protonuclein dusted over surface."
	Dr. R. E. Camfill, House Surgeon Rochester City Hos- pital, Rochester, N. Y.	"After giving Protonuclein a complete trial, not so much as to number of cases, but as to detail in individual cases, I have nothing but the highest praise as to its use locally. "Following an attack of Gonorrhœa venereal warts appeared under the prepuce, multiplying rapidly until on entrance to the hospital they were unlimited. They were cauterized with chromic acid and next day there was intense swelling and redness of whole penis and scrotum, which gradually extended, shortly becoming gangrenous, temperature 103°. After poultices were applied for ten days we applied Protonuclein copiously over whole surface every four hours, and from that time an improvement started, slough rapidly separated and healthy granulations sprang up—in short, it was an ideal recovery."
Uremia and Cystitis.	*SEE NOTE.	"Patient suffering with Uremia and Cystitis and after the last acute attack did not rally as I would like to have seen him. After trying the usual remedies without result, I determined to try Protonuclein and am glad to say that he improved from the first."

* Taken from report of a physician prominent in hospital practice. Rules of the hospital prohibit use of name.

THE "SPECIAL" IS IN POWDER FORM ONLY

SPECIAL TRIAL OFFER

We will send prepaid to any physician, returning us this slip with his name and address and enclosing \$1.00, an ounce of

PROTONUCLEIN SPECIAL

The retail price of which is \$2.25.

From Dr. _____ Street _____

City _____ State _____

PRICE LIST:		100 Protonuclein Tablets,	Retail Price,	\$1.00	To Physicians,	\$0.75
1000	"	"	"	9.00	"	6.75
1 oz.	"	Powder,	"	1.00	"	.75
$\frac{1}{2}$ lb.	"	"	"	7.50	"	5.62
1 oz. Special	"	"	"	2.25	"	1.70
$\frac{1}{2}$ lb.	"	"	"	16.00	"	12.00

Mail to REED & CARNICK, New York

Should you ever have a case of Cholera
Infantum that does not yield readily to

PEPTENZYME,

kindly report to us, for not a single failure in its
use has ever been brought to our attention.

In the local treatment of the respiratory organs Special Protoneuclein Powder should be used. It may be used by inhalation with water alone or mixed with albolene, vaseline, or glycerine. The ordinary hand atomizer can be used, but it is not as well adapted for this purpose as a vaporizer having a covering for the mouth and nose, which will insure every part of the lungs being reached by the spray. Such an instrument is more expensive, but we will furnish it (including attachments for the nose and throat for use when it is desired to limit treatment to these parts) for \$1.50. This instrument is being manufactured to our order and deliveries can not be made until about September 25.

Clinical Report

Sex of Patient _____

Age _____

Symptoms _____

Diagnosis _____

Treatment _____

Clinical history of Case _____

General remarks _____

Physician Attending _____

No. _____ *Street* _____ *City* _____

Physician Consulting _____

Clinical Report

Sext of Patient _____

Age _____

Symptoms _____

Diagnosis _____

Treatment _____

Clinical history of Case _____

General remarks _____

Physician Attending _____

No. _____ *Street* _____ *City* _____ *State* _____

Physician Consulting _____

INTERVIEW WITH METCHNIKOFF ON FUNCTIONS OF LEUCOCYTES

The following extract is from an interview by the celebrated writer, Dexter-Marshall, with the great investigator Metchnikoff at Pasteur's Institute, Paris. : : : : : : : : : : : :
"Metchnikoff will go down into scientific history as the man who discovered the nature and function of the White Blood Corpuscle—establishing its phagocytic properties. He found that the White Corpuscles—the Leucocytes of the blood—were the scavengers, the police, as it were, of the human system. They constitute the forces of the organism to fight disease. They actually seize and destroy virulent germs. In his opinion the secret of health and long life will have been discovered when science learns how to increase the number of White Blood Corpuscles at will. Then it will be possible, in case disease attacks a man, to create an army of phagocytes big enough and strong enough to kill and carry away the disease germs. Perfect health will ensue. He thinks this will be done. Pasteur thinks it will be done. Most of the scientists of Europe think that it is one of the things which are coming." : : : :
It is a remarkable fact that about the time of this interview Mr. John Carnrick succeeded in isolating Protoneuclein, the primal form of all the representative nucleins of the organism, directly from the lymphoid structures in such an active condition, as observed by the most eminent microscopists and physiologists, that the Leucocytes or White Blood Corpuscles can be proliferated at will by its use. : : : : : : : : : :

FROM THE ST. LOUIS CLINIQUE.

PRICE-LIST.

100 Protonuclein Tablets	.	.	.	Retail Price, \$1.00	To Physicians, \$0.75
1000 "	"	.	.	" "	" "
1 oz.	"	Powder	.	" "	" "
½ lb.	"	"	.	" "	" "
1 oz. Special	"	"	.	" "	" "
½ lb.	"	"	.	" "	" "

We will furnish at cost price, delivered, a very good Atomizer for 50 cents and a good Insufflator for 30 cents to any Physicians who desire them.

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		1895							1895							
		Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.	
		JAN.	--	--	1	2	3	4	5	JULY	--	1	2	3	4	5
		13	14	15	16	17	18	19	10	11	12	13	14	15	16	17
		20	21	22	23	24	25	26	21	22	23	24	25	26	27	28
		27	28	29	30	31	--	--	28	29	30	31	--	--	--	--
FEB.		3	4	5	6	7	8	9	AUG.	4	5	6	7	8	9	10
		10	11	12	13	14	15	16	11	12	13	14	15	16	17	18
		17	18	19	20	21	22	23	18	19	20	21	22	23	24	25
		24	25	26	27	28	--	--	25	26	27	28	29	30	31	--
MAR.		3	4	5	6	7	8	9	SEP.	1	2	3	4	5	6	7
		10	11	12	13	14	15	16	8	9	10	11	12	13	14	15
		17	18	19	20	21	22	23	15	16	17	18	19	20	21	22
		24	25	26	27	28	29	30	22	23	24	25	26	27	28	29
		31	--	--	--	--	--	--	29	30	--	--	--	--	--	--
APR.		--	1	2	3	4	5	6	OCT.	--	1	2	3	4	5	6
		7	8	9	10	11	12	13	6	7	8	9	10	11	12	13
		14	15	16	17	18	19	20	13	14	15	16	17	18	19	20
		21	22	23	24	25	26	27	20	21	22	23	24	25	26	27
		28	29	30	--	--	--	--	27	28	29	30	31	--	--	--
MAY		--	--	--	1	2	3	4	NOV.	--	--	--	--	1	2	3
		5	6	7	8	9	10	11	3	4	5	6	7	8	9	10
		12	13	14	15	16	17	18	10	11	12	13	14	15	16	17
		19	20	21	22	23	24	25	17	18	19	20	21	22	23	24
		26	27	28	29	30	31	--	24	25	26	27	28	29	30	--
JUN.		--	--	--	1	2	3	4	DEC.	1	2	3	4	5	6	7
		9	10	11	12	13	14	15	8	9	10	11	12	13	14	15
		16	17	18	19	20	21	22	15	16	17	18	19	20	21	22
		23	24	25	26	27	28	29	22	23	24	25	26	27	28	29
		30	--	--	--	--	--	--	29	30	31	--	--	--	--	--
		DEC.							DEC.							